AUTHOR INDEX

Abella, M.-L. 409
Accary, J. P. 53
Ackerman, S. H. 3
Adler, N. T. 183
Akerstedt, T. 129
Albert, H. 161, 175
Albright, D. 263
Arendt, J. 219, 273
Arnaud, A. 381
Auzeby, A. 235

Baenziger, J. C. 435
Barmeier, H. 469
Barnes, P. J. 301, 303, 459
Bartolin, R. 509
Becucci, A. 283
Beier, W. 331
Benavides, J. 235
Berdel, D. 369
Berg, A. von 369
Bobbert, A. C. 225
Bonfils, S. 53
Borner, K. 359
Bos, A. 543
Botta, A. 509
Bouchet, H. 499
Bouvenot, G. 509
Braly, P. S. 513
Broadway, J. 273
Bruguerolle, B. 381, 509
Burge, S. 263
Byers, J. A. 189

Cal, J.-C. 153
Cambar, J. 153
Canton, T. 235
Capani, F. 251
Carandente, F. 43
Ceriani, T. 43
Chaouat, D. 409
Cinelli, P. 283
Cohen, P. 291
Conrad, E. A. 397
Cornelius, G. 543
Couderchet, M. 537
Crockett, R. 153
Cugini, P. 245

D'Alonzo, G. E. 301, 303, 421, 459
De Geest, H. 127
de Leonardis, V. 283
De Roo, M. 127
De Scalzi, M. 283
de Souza, C. J. 141
de Vernejoul, P. 499
Devos, P. 127
Dluzen, D. E. 477
Dorow, P. 349
Driessche, T. V. 123
Dubois, A. 69
Dubrasquet, M. 53
Dupoisot, H. 499

English, J. 219
Entfellner, J. 125

Frankoff, H. M. 421

Gervais, A. 409
Gervais, P. 409
Gianotti, L. 421
Gibinski, K. 91
Gillberg, M. 129
Gillum, R. F. 245
Goldenheim, P. D. 397
Goo, R. H. 111
Gueremy, C. 235

Halberg, F. 101, 245
Harrist, R. B. 435
Heimann, G. 369
Heins, M. 387
Hiatt, P. H. 435
Hollander, S. J. 183
Hornstein, O. P. 125
Hsi, B. 263, 421

Johnson, E. 331, 369
Jonkman, J. H. G. 449

Kast, A. 161, 175
Klank, B. J. 435
Klevecz, R. R. 513
Koch, P. 525
Koga, Y. 245
Koukkari, W. L. 537
Kroeger, J. 543
Kuhn, E. 127
Kunkel, G. 301, 303, 359, 459
Kurtin, L. 387
Kusenbach, G. 369

Labrecque, G. 319
Lang, P.-H. 469
Laoussad, S. 499
Lee, J. Y. 245
le Fur, G. 235
Lemmer, B. 319, 469
Lemoigne, F. 153
Letizia, C. 245
Levi, F. 235, 409
Lisanu, M. 245
Lucia, P. 245

Marbella, A. 435
Marsden, C. A. 493
Martin, K. F. 493
McGovern, J. P. 421
Mechkouri, M. 59, 209
Meier, A. H. 141
Meltzer, A. 435
Minten, J. 127
Montagner, H. 525
Montini, E. 43
Moore, J. G. 1, 101, 111, 117
Murano, G. 245

Nagai, K. 483
Nakagawa, H. 483
Nishikawa, J. 161, 175

Oellerich, M. 387
Olson, C. E. 19

Pansu, D. 59
Parrel, M. 381
Pauchet, F. 409
Philip-Joet, F. 381
Pihan, G. 31
Poulton, A. L. 219

Quarteronet, D. 235

Ramirez, V. D. 477
Randem, B. 263
Ravault, J. P. 209
Readey, M. A. 195
Reinberg, A. 59, 209, 235, 409
Reinhardt, D. 369
Rensing, L. 543
Romano, S. 283
Rosenwasser, A. M. 183
Ruff, F. 409

Salmon, R. 53
Scavo, D. 245
Schein, L. K. 397
Schmidt, S. 469
Schwarz, W. 125
Scott, P. H. 435
Sensi, S. 251
Sindledecker, R. D. 3
Smolensky, M. H. 117, 263, 301, 303, 409, 421, 435, 459, 459
Soussignan, R. 525
Staudinger, H. 369
Steinijans, V. W. 331, 349, 359, 369
Sulon, J. 235
Sybrecht, G. W. 387
Symons, A. M. 219
Szabo, S. 1, 31, 117

Tache, Y. 11
Tarquini, B. 75
Torsvall, L. 129
Touitou, Y. 235
Trautmann, H. 331

Uzan, A. 235

Vagne, M. 59
van Hartevelt, J. H. 225
Vener, K. J. 1, 75, 117
Ventura, U. 43
Vergassola, R. 283

Webb, A. R. 493
Wilkens, H. 387
Wilkens, J. H. 387
Wong, T. K. 435

Yabe, T. 175
Yamamoto, H. 483

Zidani, R. 409

SUBJECT INDEX

(^{3}H)-DHA saturation isotherms 469
5-hydroxytryptamine 1B receptor 493
AUC fluctuation 331
Acid 59
Activity cycles 19
Adenylate cyclase 469
Adults 459
Agrotis segetum 189
Airways hyperacticity 303
Aldosterone 245
Alpha block 225
Aminophylline 359
Animals 69
Annual variations 499
Antrum 53
Arachidonid acid metabolism 303
Aspirin 19
Aspirin toxicity 111
Asthma 369
Asthma 387
Asthma 421
Asthma 435
Asthma 459
Basal & pentagastrin-stimulated gastric secretion 59
Behavior 525
Bioavailability 397
Biological rhythms 499
Biorhythms 91
Biorhythms 245
Blood pressure 525
Body temperature 3
Body temperature 251
Bombesin 11
Brain 11
Breeding 219
Bronchial patency 303
Bronchial patency 409
Bronchial patency 421
cAMP 315
CHO osidation 251
CRF 11
Calcitonin 11
Cats 53
Cell cycle 513
Children 369
Children 435
Children 459
Children 525
Cholesterol 175
Chonoefficacy 381
Chronergy 319
Chronesthesy 319
Chronic obstructive pulmonary diseases 381
Chronobiology 31
Chronobiology 459
Chronokinetics 319
Chronokinetics 509
Chronon 195
Chronopharmacology 319
Chronopharmacology 409
Chronopharmacology 421
Chronopharmacology 435
Chronopharmacology 439
Chronotherapeutics 319
Circadian 53
Circadian 141
Circadian 195
Circadian rhythm 3
Circadian rhythm 75
Circadian rhythm 111
Circadian rhythm 161
Circadian rhythm 175
Circadian rhythm 189
Circadian rhythm 225
Circadian rhythm 251
Circadian rhythm 263
Circadian rhythm 283
Circadian rhythm 303
Circadian rhythm 319
Circadian rhythm 381
Circadian rhythm 387
Circadian rhythm 409
Circadian rhythm 421
Circadian rhythm 543
Circadian rhythm 525
Circadian rhythm 469
Circadian rhythm adapted dosing 359
Circadian rhythm-adapted theophylline dosing 459
Circadian rhythms 19
Circadian rhythms 43
Circadian rhythms 153
Circadian rhythms 183
Circadian rhythms 209
Circadian variation 397
Circadian variation 493
Circannual and circa-hemiannual rhythms 59
Circannual periodicity 91
Clinical trials 387
Colophony 263
Comparative study 387
Correlation 499
Cortisol 303
Cortisol rhythm 141
Creatinine 245
Cystamine 31
Cysteamine 31
Cytochron 195
Cytogene 195
Daily rhythm 483
Delayed-action preparations 387
Delta-amino levulinic acid 509
Diatetics 245
Dilatrane A.P.^{R} 449
Diurnal rhythm 509
Dosage schedule 421

Dozing off 129
Duodenal bicarbonate 31
Duodenal ulcer 75
Duodenal ulcer 91
Duodenal ulcer 101
Duodenal ulcerogens 31
EEG 129
EEG 225
EOG 129
Eminophylline 349
Endoscopy 91
Erythrocytes 499
Ethanol 19
Etiology 69
Experimental stress ulcer 3
FFA 483
Feeding 483
Feeding cycle 19
Flow cytometry 513
Food effect on theophylline absorption 459
Fourier transformation 499
Fraction collector 189
Fucose and uronic acid 59
Gastric acid 75
Gastric acid 101
Gastric acid secretion 31
Gastric acidity 53
Gastric barrier 43
Gastric cytoprotection 19
Gastric mucosa in vitro 43
Gastric mcuosal injury 19
Gastric mucosal resistance 111
Gastric ulcer 11
Gastrin 75
Gastroduodenal motility 31
Glucagon 483
Glucose 483
Glutamyltranspeptides 153
Glycine max 537
Glycogen 161
Heart rate 283
Heart rate 409
Heart rate 525
Heart shock response 543
Human beings 69
Human beings 91
Human beings 111
Human blood 499
Human circadian rhythms 101
Hyperlocomotion 493
Hypocaloric diet 251
Hypothalamus 11
IgE 303
Illumination 225
Indirect calorimetry 251
Insulin 483
Insulin rhythm 141
Kindergarten 525
Kinetics 387
Lead exposed subjects 509
Leucine aminopeptidase 153
Leukocytes 499
Lipid oxidation 251
Lipoproteins 175
Liver 161
Liver 175
Lung function 397
Meal effects 449
Meal fat content 449
Melatonin 219
Mitosis 161
Mitotic index 75
Morning dip 397
Motility 75
Mucosal resistance 75
Myocardial infarction 283
N-butyronitrile 31
Natural history 91
Neurospore crassa 543
Neurotensin 11
Noctuidae 189
Nocturnal asthma 303
Nocturnal asthma 397
Nocturnal asthma 409
Nocturnal excess 331
Obesity 251
Occupational asthma 263
Once-a-day theophylline 409
Once-a-day theophylline 435
Once-a-day theophylline 449
Once-a-day theophylline 459
Opiates 11
Oral temperature 409
Oscillations 537
Ovarian cancer 513
Oviposition 189
PEF 263
PRL 251
Parasympathetic tone 303
Parturition 183
Peak expiratory flow 349
Peak expiratory flow 359
Peak expiratory flow 369
Peak expiratory flow 387
Peak-trough fluctuation 331
Pepsin 59
Peptic ulcer 75
Peptic ulcer 91
Peptide 11
Pharmacodynamics 435
Pharmacokinetics 331
Pharmacokinetics 397
Pharmacokinetics 435
Phenobarbital 161
Phenobarbital 175
Phosphodiesterase 469
Phospholipids 175
Photosynchronization 195
Plasma gastrin 53
Plasma gastrin 101
Plasma histamine 303
Plateau time 331
Postnatal development 3
Potassium 245
Pregnancy 183
Premature beats 283
Primary school 525
Prolactin 209
Propionitrile 31
Proximal tubule 153
Quantal 195
RU 24969 493

Ram 209
Ranitidine 111
Rat 3
Rat 45
Rat 183
Rat 483
Rat forebrain 469
Receptor binding 469
Retinal "dark" discharge 225
Residual concentration 331
Rest-activity cycle 3
Resting and inhibited H+ secretion 43
Rhythm 53
Rupture by a short-chain fatty acid 43
S phase analysis 513
SCN 483
Salt 245
Seasonal changes 209
Seasonal variations 141
Seasonal variations 499
Seasonality 91
Seasonality 219
Sedimentation rate 499
Sheep 219
Shiftwork 129
Signal analysis 499
Single meal 251
Sleep 129
Sleep 409
Sleepiness 129
Small bowel 53
Sodium 245
Steady-state-pharmacokinetics 369
Stress ulcers 69
Sustained release theophylline 459
Sustained-release theophylline 381
Swing 331
Sympathetic time 303
Symptoms 69
Synchronoous proliferation 513
Syrian hamster 141
TRH 11
TSH 251
Temperature phase shift 543
Terbutaline 387
The-24 [R] 449
Theo-Dur [R] 449
Theo-Dur tablets 397
Theophylline 331
Theophylline 349
Theophylline 359
Theophylline 387
Theophylline 397
Theophylline 421
Theophylline and metabolites 369
Timer 189
Timing of evening dose 359
Timing of vulnerability 43
Transmucosal electrical resistance 43
Transmucosal potential difference 43
Treatment 69
Triglycerides 175
Tumor immunofluorescence 513
Turnip moth 189
Two-oscillator model 225
Ulcer models 19
Ulcer pathogenesis 31
Ulcerogenesis 43
Ultradian 53
Ultradian 195
Undesired effects 409
Unequal dosing 381
Unequal twice daily dosing 349
Unequal twice-daily dosing 369
Uniphyl tablets 397
Uniphyllin r 449
Vagotomy 101
Volume 59
Water stress 537
Wheel-running 183
Work 129